

## Declaration of Performance

Number: 100  
 Product Type: ANG

Revision

### The Manufacturer

Catnic  
 A Tata Steel Enterprise  
 Pontypandy Industrial Estate  
 Caerphilly  
 CF83 3GL

Declares in compliance with the Construction Products Regulation (EU) No. 305/2011, that the steel lintels listed below are manufactured according to the requirements of the European Harmonised Standard EN 845-2: 2003 and fulfil the conditions for CE Marking in accordance with annex ZA of EN 845-2: 2003.

The conformity assessment was executed in accordance with the method stated in tables ZA.2 and ZA.3 (System 3 of Assessment and Verification of Constancy of Performance).

### The Notified Testing Laboratory

University of Glamorgan Commercial Services  
 Centre for Engineering, Research and Environmental Applications (CEREA)  
 Llantwit Road  
 Treforest  
 Pontypridd  
 CF37 1DL  
 (No. 1679)

Performed determination of the product - type on the basis of type testing (based on sampling carried out by the manufacturer) and issued test reports.

### Intended Use of the Construction Product

Lintels to be used in walls and partitions (to support loads over openings in masonry walls with a semi - structural role in the works).

Essential Characteristics	Lintel Length (mm)						Harmonised Technical Specification  EN 845 - 2: 2003
	900 - 1200	1350 - 1500	1650 - 2100	2250 - 2400	2550 - 3000	3300 - 3900	
Load Bearing Capacity (kN)	4	5	7	10	15	15	
<i>Figures shown are safe working loads</i>							
Deflection Under Load	Less than Effective Span/325 at safe working load						
Water Absorption	Zero						
Water Vapour Permeability	Not Applicable						
Mass per unit area (kg/m <sup>2</sup> )	30.6	25.9	23.7	21.9	33.8	43.9	
Thermal Resistance	50 W/mK (steel)						
Resistance to Fire	NPD (see Catnic for project specific details)						
Durability (against corrosion)	Material Coating Reference L14 or 16.2						
Durability (against freeze/thaw)	Resistant						
Dangerous Substance	None						
Nominal Height (mm)	88	131	167	215	215	213	
Mass (kg/m)	2.69	3.39	3.96	4.71	7.27	9.36	
Minimum Bearing Length (mm)	150						

Signed on behalf of the manufacturer by:

Richard Price (Technical Director)

Catnic 16/04/2013



(place & date of issue)

(signature)